

# **Goodmans**

## **MICRO1106DAB DAB MICRO SYSTEM**



## **INSTRUCTION MANUAL**

**Before operating this unit,  
Please read this Owners manual carefully.**

# INTRODUCTION

This instruction manual is important to you. Please read it. In a short time it shows exactly how to connect, operate, and adjust this unit for best performance. It can save you money. It shows simple things to do and check before you call for help and save the cost of unnecessary service or call out charge.

<b>INTRODUCTION</b> .....	1
<b>IMPORTANT SAFEGUARDS</b> .....	2
<b>IMPORTANT NOTES</b> .....	3
<b>LOCATION OF CONTROLS</b> .....	4
<b>REMOTE CONTROL AND POWER SOURCE</b> .....	5
<b>BASIC FUNCTION</b> .....	6
- Switching the system on .....	6
- Switching the system to standby mode .....	6
- Volume control .....	6
- Sound control .....	6
- Headphones .....	6
<b>USING THE CD</b> .....	6
- Loading a CD .....	6
- Playing a disc .....	6
- Selecting a desired Track / Passage .....	6
- Programming Tracks .....	6
- CD play Mode(REPEAT, RANDOM, INTRO) .....	6
<b>GENERAL OPERATION</b> .....	7
<b>DAB OPERATION</b> .....	8
<b>BUTTON FUNCTION</b> .....	9
- The display .....	10
- Auto tune .....	11
- Station list .....	12-14
- Menu function .....	15
- Clock options.....	16
- Factory defaults .....	17
<b>GENERAL INFORMATION</b> .....	18
<b>TROUBLE SHOOTING GUIDE</b> .....	18
<b>SPECIFICATIONS</b> .....	19

Pack contents :  
1 x main unit  
1 x remote control  
1 x owner's manual  
2 x AAA Batteries

**Please retain all packaging material for future transportation of the unit or in the unlikely event that the unit needs to be returned for service.**

## IMPORTANT SAFEGUARDS

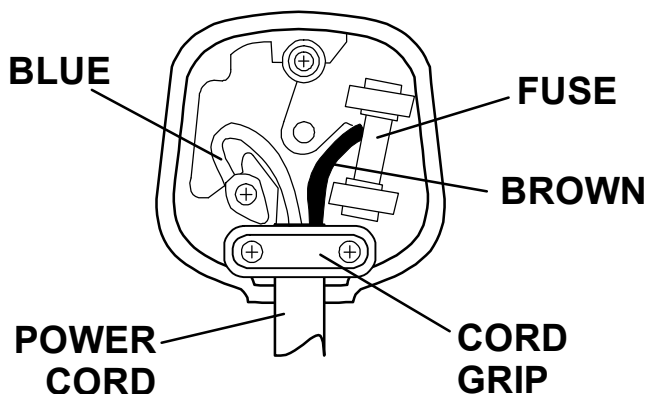
### PRE FITTED MAINS PLUGS

For your convenience a mains plug has been fitted to this appliance. For your safety please observe the following information.

1. Should the fuse in the plug fail remove the plug from the wall socket and replace the fuse with a 3 Amp ASTA approved to BS 1362 fuse.
2. Never use the plug without the fuse cover fitted. Replacement fuse covers are available from your dealer or most electrical retail outlets.
3. If the mains plug is cut off the cable, rewire the replacement plug in accordance with instruction give in this manual.
4. CAUTION: Under no circumstances should the discarded plug be inserted into the mains socket. To prevent a shock hazard carefully dispose of the discarded plug. Do not leave the plug lying around where children might see it.

**WARNING:** To prevent fire or shock hazard do not expose this unit to rain or moisture.

**CAUTION:** DANGEROUS VOLTAGES EXIST INSIDE THIS UNIT. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DISCONNECT FROM MAINS SUPPLY WHEN NOT IN USE.



These wires in this mains lead are coloured in accordance with the following wiring codes:

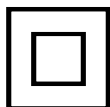
**Blue**.....Neutral  
**Brown**.....Live

These wires in this mains lead must be connected to the terminals in the plug as follows:

**Blue Wire**.....N or Black  
**Brown Wire**.....L or Red

Only a 3 Amp fuse should be fitted in the plug or a 5 Amp fuse at the distribution board.

**WARNING:** UNDER NO CIRCUMSTANCES MUST THE LIVE OR NEUTRAL WIRES BE CONNECTED TO THE EARTH TERMINAL IN A 3- PIN MAINS PLUG.



This symbol means that this unit is double insulated. An earth connection is not required.

## IMPORTANT NOTES










**CAUTION:**

1. To reduce the risk of electrical shocks, fire, etc.
  2. Do not remove screws, covers or cabinet.
  3. Do not expose this appliance to rain or moisture.
- Do not block the ventilation opening or holes.  
(If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
  - Do not place any naked flame sources, such as lighted candles, on the apparatus.
  - When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
  - Do not use this apparatus in a bathroom or places with water. Also do not place any containers filled with water or liquids (such as cosmetics or medicines, flower vases, potted plants, cups, etc.) on top of this apparatus.
  - The mains plug is used as the disconnect device and it shall remain readily operable. To be completely disconnect the power input, the mains plug of apparatus shall be disconnected from the mains as the disconnect devices is the mains plug.
  - When there is no display, the apparatus is completely disconnected from the mains.

CLASSIFICATION LABEL,  
PLACED ON REAR OF THE UNIT.

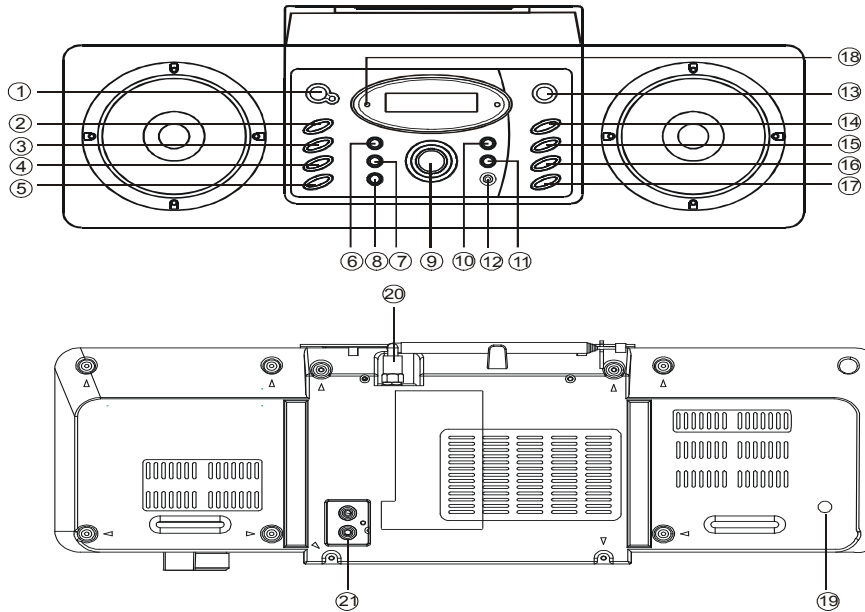


WARNING LABEL, PLACED ON REAR OF THE UNIT.

<p><b><u>WARNING :</u></b> To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.</p> <p><b><u>CAUTION :</u></b> Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.</p>				
<p><b>CAUTION</b></p> <div style="background-color: black; color: white; padding: 2px; display: inline-block; margin: 5px 0;"><b>RISK OF ELECTRIC SHOCK DO NOT OPEN</b></div> <p>To reduce the risk of electric shock, do not remove cover ( or back ). No user serviceable parts inside. Refer servicing to qualified service personnel.</p>				
<table style="width: 100%; border: none;"> <tr> <td style="text-align: center; vertical-align: middle;"></td> <td style="padding-left: 10px;">The lightning flash with arrowhead symbol, with in an equilateral triangle, is intended to alert user to the presence of uninsulated " dangerous voltage " within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons .</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;"></td> <td style="padding-left: 10px;">The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance ( servicing ) instruction in the literature accompanying the appliance.</td> </tr> </table>		The lightning flash with arrowhead symbol, with in an equilateral triangle, is intended to alert user to the presence of uninsulated " dangerous voltage " within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons .		The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance ( servicing ) instruction in the literature accompanying the appliance.
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**CAUTION:** Do not open the unit. There are no user serviceable parts inside the unit; Leave all servicing to qualified service personnel.

## LOCATION OF CONTROLS



### 1. POWER BUTTON AND STANDBY INDICATOR LED.

Switches Power on and off.

### 2. MODE BUTTON

Selects DAB, CD or AUX function.

### 3. EQ BUTTON

Cycles the EQ sound effect.

### 4. UP BUTTON

Displays the next station in the DAB list

### 5. DOWN BUTTON

Displays the previous station in the DAB list. \*

### 6. PRESET / PROGRAM BUTTON

**CD:**When CD stop mode it selects programme mode and stores up to 20 tracks into the programme memory.

**DAB:**Quick press - change to preset recall mode.

Long press - change to preset store mode.

### 7. TUNE / P.MODE BUTTON

**CD:** Cycles the CD playback mode.

**DAB:**Quick press - no effect.

long press - scans the DAB band and creates a new station list.

### 8. MENU BUTTON

Selects the setup menu.

### 9. VOLUME CONTROL

Increases or decreases the volume.

### 10. DISPLAY BUTTON

**CD:**No effect.

**DAB:**Changes the information displayed on line 2 of the display.

### 11. SLEEP BUTTON

Sets a sleep time.

### 12. 3.5MM HEADPHONE SOCKET

For listening to the unit with headphones (not supplied).

**Note:**When headphones are connected the sound to the speakers is muted.

### 13. OPEN / CLOSE BUTTON

Opens or closes the CD compartment .

### 14. SELECT / PLAY BUTTON

**CD:**starts playback from stop mode.

Pauses playback in playback mode.

**DAB:** confirms Menu/station selection.

### 15. SEC/STOP BUTTON AND SEC INDICATOR LED

**DAB:** Selects a secondary broadcast.

**CD:** Stop playing or cancel programme mode.

### 16. NEXT / SKIP + BUTTON

**CD:**To search forward or skip to the next track.

**DAB:**To select the next station.

### 17. PREV / SKIP - BUTTON

**CD:**To search backward or skip to the previous track

**DAB:**To select the previous station.

### 18. IR SENSOR

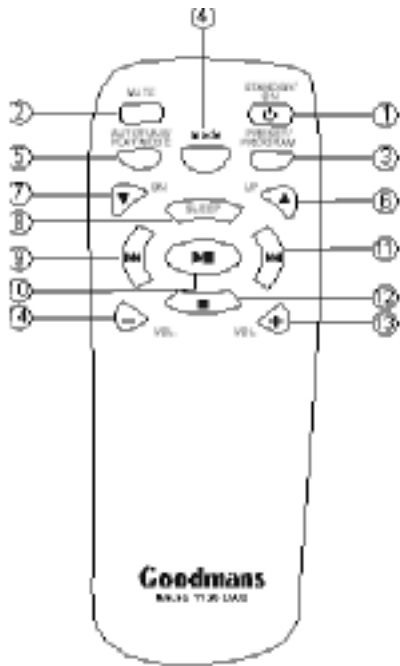
receives signals from the remote control.

### 19. AC POWER CORD.

### 20. DAB TELESCOPIC ROD AERIAL.

### 21. AUX INPUT SOCKETS.

# REMOTE CONTROL



**1. STANDBY / ON**

Switches the system between on and stand-by.

**2. MUTE**

Mutes the audio.

**3. PRESET / PROGRAM**

**CD:** Selects programme function and enters tracks into the programme memory.

**DAB :** Quick press - selects preset recall.  
Long press - selects preset store.

**4. MODE**

Select DAB , CD or AUX function.

**5. AUTOTUNE / PLAYMODE**

**CD:** Cycles CD playback mode.

**DAB :** Quick press - no effect.  
Long press - scans the DAB band and creates a new station list.

**6.UP**

Display the next station in the DAB station list.

**7.DOWN**

Display the previous station in the DAB station list.

**8. SLEEP**

Sets a sleep time.

**9. SKIP +**

**CD:** To search forward or skip to the next track.

**DAB :** To select the next station in the station list

**10. PLAY / PAUSE**

**CD:** Starts playback from stop mode.

Pauses playback.

**DAB:** performs the same functions as the select button on the front panel

**11. SKIP -**

**CD:** To search backward or skip to the previous track.

**DAB:** To select the previous station. in the station list

**12. STOP**

**CD:** Stop playback or cancel programme mode.

**DAB:** Select secondary broadcast.

**13. VOLUME +**

Increase the volume.

**14. VOLUME -**

Decrease the volume.

**POWER SOURCE**

**AC POWER SUPPLY**

After all other connections have been made. Connect the AC power cord of the system to the wall outlet. The system will be in standby mode.

**INSERTING BATTERIES INTO THE REMOTE CONTROL**

Insert batteries (type R -03 or UM-4 AAA) into the remote control as shown in the battery compartment.



**CAUTION:**

- Replace batteries if the remote control fails to work.
- Remove batteries if they are exhausted or not to be used for a long time.
- Batteries contain chemical substances, so they should be disposed of properly.

## BASIC FUNCTIONS

### SWITCHING THE SYSTEM ON

- Press **POWER** button to turn the system on.

### SWITCHING THE SYSTEM TO STANDBY MODE

- Press **STANDBY/ON** button on the remote control.  
The clock will show in the display.

### VOLUME CONTROL

Rotate / Press **VOLUME +** knob/button on the unit or remote control to increase or **VOLUME -** knob/button on the unit or remote control to decrease the volume level.

The volume ranges from the minimum of "0"(MIN VOL) to "max" (MAX VOL) and is indicated on the display.

**IMPORTANT** The volume control on the front panel does not rotate and should only be moved gently to the left or right to alter the volume setting, excessive force will damage the control.

#### To mute the audio temporarily

Press **MUTE** button on the remote control.

Playback will continue without sound and a **MUTE** symbol "🔇" will show in the display. To restore audio, press

**MUTE** button again or adjust the volume control.

### PRESET EQUALISER

Press EQ button to select the desired sound effect:

**CLASSIC, POP, ROCK, JAZZ** or **FLAT**

### LISTENING THROUGH HEADPHONES

A stereo headphone socket is provided for private listening, connect a pair of low impedance(8-16OHM) headphones or earphones (not supplied) with 3.5MM stereo jack plug, when headphones are connected the main speakers are automatically disconnected

## USING THE CD PLAYER

### LOADING A CD

1. Press **MODE** button on the unit or remote Control to select CD mode.
2. Press **OPEN/CLOSE** to open the CD door.
3. Locate a CD with the label facing up onto the centre capstan until a click is heard.
4. Close the CD door. The player will automatically start playing.
5. To remove the CD, press the **STOP** button and then the **OPEN / CLOSE** button, grasp the CD by the edge, and carefully remove it from the player.

### NORMAL DISC PLAYBACK

1. With a CD loaded, press **PLAY/PAUSE** button to Start playback.
2. The track number and elapsed playing time of the current track appear in the display.
3. To pause playback press **PLAY/PAUSE** button. The elapsed time will flash in the display and playback is paused.
4. To resume playback press **PLAY/PAUSE** again.
5. To stop playback, press **STOP** button.

### SELECTING A DESIRED TRACK/PASSAGE

#### To select a desired track

- Press **SKIP/SEARCH** button repeatedly until the desired track appears in the display.  
If playback is stopped, press **PLAY/PAUSE** button to start playback.

#### To search for a particular passage during playback

- Press and hold **SKIP/SEARCH** button and release it when the desired passage is located.

### PROGRAMME TRACKS

Up to 20 tracks can be stored into memory for playback in any desired order.

1. In stop mode, press **PROG** button on the unit or **PROGRAM** button on the remote control to enter programme setting. **CD P-01** will show in the display and **00** will flash.
2. Press **SKIP/SEARCH/TUNING** button to select the first required track.
3. Press **PROG** button on the unit or **PROGRAM** button on the remote control to store the selected track. **00 P --02** will show in the display.
4. Repeat steps 1 to 3 to select and store all required tracks (upto 20) into memory.
5. Press **PLAY/PAUSE** button to play the programmed tracks.  
Press **PROG** button on the unit or **PROGRAM** button on the remote control in stop mode to review the programmed track list.
6. Press **STOP** button in stop mode to clear the programme. **CD PROGRAM** will disappear from the display.

#### Notes:

The programme is automatically cleared when the CD compartment is opened.  
Programme creation can only be performed in the CD **STOP** mode

### CD PLAYBACK MODES

If programme mode is not being used :  
Press **AUTOTUNE/P.MODE** button to activate **NORMAL / REPEAT 1 / REPEAT ALL / RANDOM / INTRO** PLAYBACK modes.

If programme mode is being used:

Only **NORMAL / REPEAT 1 / REPEAT ALL** and **INTRO** modes are available.

#### REPEAT 1:

Repeated playback of the current playing track until the **STOP** button is pressed or the function is cancelled.

#### REPEAT ALL:

Repeated playback of all tracks on the current playing disc until the **STOP** button is pressed or the function is cancelled.

#### RANDOM:

All tracks on the CD are played in random order until all have been played once.

#### INTRO:

The first 10 seconds of each of the remaining tracks on the disc are played in sequence.

## General operation

DAB or Digital Audio Broadcasting represents a new age in broadcasting technology and as with all new technologies it is significantly different to traditional Analogue FM/AM broadcast methods. The new system no longer relies on tuning to a given frequency but instead allows the DAB receiver to provide an active Station List of all available radio programmes/stations at the touch of one button. Station Lists are described in more detail in the DAB Operation section of this manual.

Before selecting the DAB function for the first time please ensure the telescopic rod aerial is fully extended and upright.

1. Connect the unit to the household mains supply, Fully extend the telescopic aerial and position upright.
2. Press the Power button on the front panel, press the **MODE** button to select DAB
3. The unit will automatically start a scan of the DAB services and after 15 to 20 seconds the first station in the Station List will be heard.

**NOTE:** At this stage it is possible that the display may show “No DAB service” on the first line of the display and “Check Aerial?” on the second line of the display. This indicates the unit has been unable to locate any available DAB stations during the search process.

This may be due to:

- a. No DAB stations in the local area. Check with the DRDB at [www.DRDB.org](http://www.DRDB.org) or Call the reception Helpline on 08707 747474
  - b. The radio needs moving to a different location in order to get adequate reception. The signal strength indication (See Display button operation) can be used to assist this process.
4. Assuming there is now a Station List available the other stations on the list can be located
    - a. Directly – use the Next /Previous buttons or
    - b. Indirectly (i.e. listen to the current station until the required next station is shown on the bottom line of the 2 line display) use the Up/down buttons then press the select button (pressing and holding the up or down button will scroll the list at a faster rate)
  5. Use the Volume control to increase or decrease the sound output level as required.

### Important Reminder for DAB Reception

Please be reminded that this unit is specifically designed for reception of UK only DAB stations restricted to Band 3 (11B to 12D) only it will therefore **NOT** receive DAB stations in European areas that broadcast on L band



## DAB operation

### DAB Overview

DAB Radio tuning is very different to traditional analogue radio tuning. In DAB mode the user is not required to know anything about station frequencies.

Instead an organised list of the DAB radio stations receivable in the current location is created by the radio. This list is initially organised into alphabetical order (by the first letter of the station name only).

The “Auto tune” function is the system that the DAB radio uses to create the list of available stations. The list would be organised in the following way:

**TOP**A-Example Station >B-Example Station >C-Example Station >D-Example Station >  
E-Example Station >F-Example Station >G-Example Station >H-Example Station **Bottom**

After Autotune has completed the radio will automatically tune to the top station in the Station List. In the fictional Station List above this would be “A-Example Station”

This radio provides two different ways of selecting stations from the list it has created.

Using the “Up”, “Down”, and “Select / play” buttons – as described later in this manual

Using the “SKIP-” and “SKIP+” buttons – as described later in this manual

When using these buttons to select stations the list is cyclic. Using the above list as an example this means that if the selection continues down past “H-Example Station” the next station presented will be “A-Example Station”.

If the same thing is done in the opposite direction i.e. the selection continues up past “A-Example station” the next station presented will be “H-Example Station”

### NOTE:

There is one condition where the Station List is not sorted into alphabetical order.

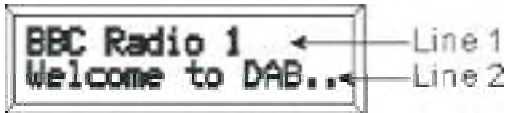
This is when the “Sort by Favourites” option is switched ON using the “Menu” button as described later in this manual. However the default setting for the unit at initial Power up is as described above.

## DAB operation (contd.)

Button function	Description
<b>Previous ( Prev )</b>	DAB Mode: Go directly to the previous station in the DAB Station List CD Mode: Search backward or skip to the previous track
<b>Next ( next )</b>	DAB Mode: Go directly to the next station in the DAB Station List CD Mode: Search forward or skip to the next track
<b>Mode</b>	To select between DAB CD or AUX Function
<b>Preset/PROG</b>	DAB Mode - Selects the Preset list instead of the full list of available stations CD Mode – Enter programme playback mode and enter tracks into memory
<b>Secondary/Stop</b>	DAB Mode: This is the Secondary service selection button Secondary services are sometimes available Embedded within the main DAB station currently being listened to. This will be indicated by the Secondary LED on the Front Panel. When the LED is Illuminated, press this button repeatedly to cycle through the available secondary services and then back to the original (primary)service. CD Mode: Stop playing or cancel programme mode.
<b>Menu</b>	Selects the Menu function
<b>Up</b>	DAB tuning and the navigation of the Menu
<b>Down</b>	DAB tuning and the navigation of the Menu
<b>Select/Play</b>	DAB Mode: Used to Select a menu item or radio station displayed on line 2 of the display. Also used to set or cancel the reminder timer function. CD Mode: Play from stop mode or pause from play mode
<b>Display</b>	Each Press Cycles the second line of the display to present different information. This can include > scrolling text > signal strength > multiplex and station information > broadcast bit rate > audio mode > clock time > scrolling text etc.
<b>Tune/P.Mode</b>	If this button is pressed for more than 5 seconds a scan of the DAB band is performed.

## DAB operation (Contd.)

### The Display



In DAB mode, the name of the station being listened to appears on Line 1 of the display, and the “dynamic text” (sometimes known as “DLS Text”) will appear on line 2 of the display unless the “Display”, “Up”, “Down”, “Menu”, or “Select/Timer” buttons have been pressed which change the information shown on line 2 of the display.

**Display Button** the “Display” button changes the information displayed on line 2 of the display by cycling through the following settings:

Normal (dynamic text for DAB) > signal Strength > Multiplex and station information > Broadcast Bit rate > audio mode > Clock time.  
Normal (dynamic text for DAB) etc

Each time the “Display” button is pressed, the information displayed on line 2 of the display is changed to one of the above. Continue to press the “Display” button until the required information is displayed. Note: Sometimes when listening to DAB, the dynamic text may take a few seconds before it starts to scroll across the display – this is normal.



#### Normal (DLS Text)

This is the normal display for DAB mode. The DLS text is almost always longer than the display so it will “scroll” across the display such that all the content can be read



#### Signal Strength

The signal strength is shown as a bar on line 2 of the display – the longer the bar, the stronger the signal. This display can be used when first setting up your receiver to help you position the aerial for best reception.



#### Multiplex and Station information

Use these options to find out more technical information about the station being listened to.



#### BBC National DAB (the name of the multiplex on which the station is being transmitted )

**160kbits/S** - the bitrate of the audio being received (in the range 64 to 384kbit/S)



#### Audio Mode (the broadcast mode – can be Mono, Stereo, or Joint Stereo)

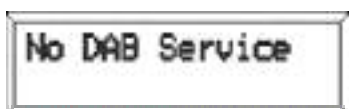


#### Clock

The clock is automatically updated when listening to DAB, and is kept up to date by the receiver when the receiver is switched off. The clock can be displayed in 12-hour (AM/PM) or 24 hour (default) format.

## DAB operation (contd.)

### Autotune



When "No Dab Service" is shown in the display, Press the **Tune/P.Mode** button to perform a scan of the DAB Band 3 UK spectrum and create a new Station List of all available DAB stations currently broadcasting . This process usually takes around 15-20 seconds searching the range (11B-12D) used in the UK During this process, the display will show how many stations have been found, and on what "channel" they were found: The number of stations found varies greatly dependant on the area in which the receiver is located not all stations are available in all areas.

Once the Autotune function has completed the receiver will tune to the first station in the Station List.

A required station can then be selected using either the "Prev" /"Next" or the "Up", "Down", "Select" buttons as described later in this manual.

If the radio has been moved, or should additional stations need to be added to the station list, the "Autotune" function can be used at any time.

**Important Note:** During the scan process you may find the unit indicates it has found more stations than the number that appear in the station list, the additional stations that are picked up could be either.

- a. Secondary stations that are accessed via the secondary button (see later notes) or
- b. Data services provided on DAB that cannot be used on this unit.

## DAB operation (Contd.)

### Station List

The Station List is the heart of the DAB Tuning system and is the key fundamental difference between digital and analogue radio. An example of a fictional Station List is provided at the beginning of the DAB Operation section of this manual.

A Station List can only be created using the Autotune function



**Note:** If for some reason no DAB stations can be received, then this message will be displayed. In such a case the receiver will allow the use of the “Display” button to select the “Signal” option on line 2 of the display.

This can then be used to optimise the aerial position for best signal strength. When this has been done perform “Autotune” as normal. After 15-20 seconds, the radio will have checked for all available DAB stations, and will have created a new Station List. If the same message reappears then please Refer to the General Operation section of this manual.

### Special Functions of Digital Radio and Station List

All broadcasters are permitted to change the content of their digital radio transmissions at any time by adding and removing stations.

Many broadcasters take advantage of this facility for catering for special audiences. An example of this would be adding a special station for children during the day and then replacing it with a more adult oriented station programming at night.

With DAB stations it is also possible to split an existing station into two or more separate stations for a period. This is often done on “speech only” stations where the broadcaster may wish to deliver coverage of different sporting events at the same time. The new stations are “underneath” the existing (primary) stations and the new stations are known as “Secondary” stations.

These two special functions, are only available on the DAB Network, and can mean that the content of the Station List changes over time.

Information about these facilities and changes are made available by the following means.

#### Stations that have been removed or are no longer transmitting

If a station has been removed or has stopped transmitting the Station List will display this with a small “x” at the end of the Station Name to indicate that this station did exist but has now been removed. This station will not be available for listening to. It is possible that this station will “reappear” at some time, when and if it does the small “x” will not be present adjacent to the station name and it will then be available to listen to again.

#### Secondary Stations

If the DAB station selected has been “split” and there are one or more other stations hidden underneath it, the radio will indicate this by illuminating the “Secondary” LED which is on the right-hand side next to the display.

Pressing the “Secondary” button will allow the selection of the first “Secondary Station”. Pressing the “secondary” button again will select the next secondary station and so on until it returns to the original (primary station).

## DAB operation (contd.)

### Selecting Stations to listen to in the Station List

There are two methods available for selecting a station to listen to from the Station List  
These methods are called "Direct Mode" and "Indirect Mode"

Please note that stations can be removed from transmission by the broadcaster and this will be indicated in the Station List as described in the previous section of this manual

#### Direct Mode

This mode uses the "Prev" and "Next" buttons to select the required station from the Station List

This mode works as follows.

Using the fictional Station List at the beginning of the DAB Operation section of this manual as an example.

When listening to "C-Example Station" and the "Next" buttons is pressed, the receiver will immediately tune the next station in the Station List "D-Example Station".

When listening to "C-Example Station" and the "Prev" button is pressed the receiver will immediately tune to the previous station in the list "B-Example Station".

**NOTE:** Don't forget the Station List is cyclic so continuing the selection down past the bottom of the list will jump to the top of the list and vice versa. Pressing and holding PREV or NEXT Buttons will scroll quickly through the station list, releasing the button at the required station will cause immediate retuning to the selected station.

#### Indirect Mode

The Indirect Mode of selecting stations from the Station List uses the "UP", "Down", and "Select" buttons to choose a station to listen to,

This mode works as follows

Press the "UP" or "Down" button and the second line of the display will change to show the station above or below the one currently being listened to in the list The top line of the display will continue to show the name of the station currently being listened to and the audio from the station will continue to be heard. (Pressing and holding the up or down button will scroll the list at a faster rate)

When the required station is shown on line 2 press the "Select" button to confirm selection. The name of the station will then move to line 1 of the display and after a brief pause, the audio for the station will be heard.

Line 2 of the display will return to the information that was selected prior to the "Up" or "Down" button being pressed.

With the exception of the "Select" button the only other button that can be used to exit this mode is the "Power" button.

## DAB operation (contd.)

### Selecting Stations from the Station List (contd.)

#### Storing and Recalling Presets in DAB

To make the selection of the most listened to stations faster, up to 10 DAB stations can be stored into preset memories.

The preset memories are in the form of a list of Preset Locations numbered 0 to 9.

#### Storing a Station as a Preset

To store a station into a Preset location

- 1) Tune the radio to the required station.
- 2) **Press and hold** the “Preset” button for more than 3 seconds and the first preset in the list of Preset Locations will appear with “**S-00**” on line 2 of the display.

**Note:** The name of the current station stored in that Preset location will be shown or “empty” will be displayed if nothing is currently stored there.

- 3) Use the “Up” and “Down” buttons to select the location in which to store the station. The preset list is cyclic therefore scrolling down past location 9 will jump to location 0 and scrolling up past location 0 will jump to location 9.
- 4) Press the “Select” button to store the station into the chosen preset location.
- 5) The station is now stored in that location. Note: any previous station stored in the selected location will be overwritten.
- 6) To confirm the store operation was successful. “Stored” will show in line 1 of the display for a few seconds, then line 2 will revert to the display mode that was selected before the preset storage processed commenced.

#### Recalling a Preset Station

To recall a station from a Preset location

- 1) **Briefly press** the “Preset” button and the first Preset Location “**P-00**” will appear on line 2 of the display.  
**Note:** The name of the current station stored in the selected Preset location will be shown or it will show “empty” if nothing is currently stored there.
- 2) Using the “Up” and “Down” buttons to locate the required preset. This list is cyclic therefore scrolling down past location 9 will jump to location 0 and scrolling up past location 0 will jump to location 9.
- 3) Press the “Select” button to recall and tune to the selected preset.

## DAB operation (contd.)

### Menu Function

The menu function allows the configuration of some functions of the radio.

The menu options available are:

- ◆ Favourites
- ◆ Clock 12/24
- ◆ Factory Defaults

### Accessing the Menu

To access the menu, press the “Menu” button while listening to any DAB station.

Note: If no action is taken within a few seconds of pressing the menu button the unit will revert to the normal display.



The display will show this message.

The >< arrow icons indicate that other menu items are available  
This list is cyclic.

Use the “Up” and “Down” buttons to select the required menu option

When the required option is shown on line 2 of the display press “Select” to enter the feature.  
Pressing the “Menu” button at any time will revert to the previous menu item or display.

If the unit is at the top-level menu, pressing the “Menu” button will exit the menu mode and return the unit to normal radio mode.

The radio will only respond to “Up”, “Down”, “Select”, “Menu” or “Power” buttons whilst in the “menu” mode.

### Sort station list by Favourites

Selecting this function will move the Favourite Stations to the top of the current Station List in order of “most frequently listened to”.

### What is a “Favourite Station”

A station will become a favourite in two ways, using a scoring system. The station that has the highest score becomes the “most favourite”, the station with the second highest score becomes the “second favourite” and so on up to a maximum number of five stations.

The first part of the scoring system relates to the number of times a station is tuned to, the more times it is tuned to the higher the score becomes.

The second part of the scoring system relates to the length of time a station is listened to. The longer a station is listened to the higher the score becomes.

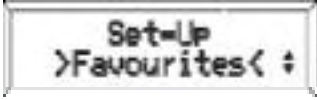
**NOTE:** All favourite station scores are set to zero when an Autotune operation is performed.



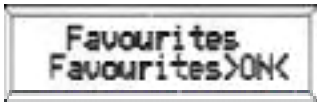
## DAB operation (contd.)

### Turning the Sort By Favourites option On and Off

Press the "Menu" button use the "Up" and "Down" buttons to move to the Favourites option .The display will then show.



Press the "Select" button to enter the Favourites option  
The display will then show



Press the "Up" or "Down" buttons to toggle the selection between ON and OFF.

Then press the "Select" button to confirm the selection the display will revert to its previous state.

Turning this option on and off does not affect the "scores" of the stations, which are only cleared by performing an Autotune.

The Factory Default is Favourites turned OFF.

### Clock Option

In DAB Mode, the clock is set automatically, and will be automatically updated for daylight saving.

The broadcaster of the DAB station being listened to will transmit the updated clock information, it is therefore always accurate and no manual setting of the clock is not possible nor is it required.

When the radio is switched off the time is kept updated by the radio's own internal clock

If no power source is available to the unit, then the time setting will be lost, it will however be recovered as soon as the radio is powered on and tuned to a DAB Station.

There are two display modes for clock display

### 12 / 24 hour mode

This feature allows either 12-hour mode (e.g. 02:45PM) or 24-hour mode (e.g. 14:45). The default setting is "24-hour mode".

### Switching between 12 and 24 hour clock mode



Press the "Menu" button and use the "Up" and "Down" buttons to move to the Clock option in the menu. Press the "Select" button



Pressing the "Up" and "Down" buttons will then toggle the selection between "12 Hour" and "24 Hour", Press the "Select" button to confirm the required mode, the display will revert to it's previous state

## DAB operation (contd.)

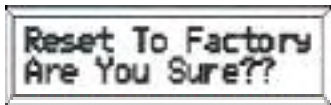
### Factory Defaults

This feature allows the unit to be reset to the state it was when it was first manufactured. It clears all memories, including all presets and the Station List.

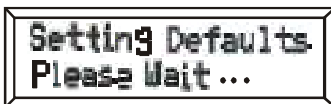
### Selecting Factory Defaults



Menu" button and then use the "Up" and "Down" buttons to move to the Set Defaults function. Press the "Selects" button to enter the Set Default function.



To proceed with set defaults, press the "Select" button briefly.



This message confirms that all presets are being cleared, and all "service" lists are being erased.

*AFTER ABOUT 10 SECONDS* an Autotune operation will then start automatically.

### SLEEP TIMER

This function enables the system to automatically power down after a preset SLEEP time has elapsed

To Set a sleep time

Press the **SLEEP** button "**Sleep Time** " and **>00:30<** will show in the display

Using the **UP** and **DOWN** buttons adjust the desired sleep time between 10 minutes and 1 hour 30 minutes, the minimum sleep time setting is 10 minutes.

Press the select button to set the sleep time an animated clock symbol ⌚ will appear in the bottom right hand corner of the display indicating the sleep function is running.

After the preset time is reached the unit will switch to standby.

**IMPORTANT NOTE** : Pressing the SLEEP button whilst the SLEEP function is active will result in the sleep countdown being reset to the pre selected sleep time, it is not possible to display the remaining sleep time. Using the sleep function after initial use will revert the sleep time to the last time set , i.e. if 10 minutes was used previously then the display will show **>00:10<** when the sleep button is pressed.

To switch the unit on after using the SLEEP function press the Standby/ON button on the remote control.

## Trouble shooting guide

Every effort has been made to ensure this product provides optimum performance in all conditions, however we appreciate that sometimes difficulties may arise and the following table summarises some common problems.

Problem	Possible cause	Remedy
<b>General No Sound</b>	No power to unit	<ul style="list-style-type: none"> <li>● Check AC supply is Connected and switched on</li> <li>● Check the unit is switched on</li> </ul>
	Volume control at Minimum	<ul style="list-style-type: none"> <li>● Rotate volume control is Clockwise</li> </ul>
	Headphones connected to Headphone socket	<ul style="list-style-type: none"> <li>● Remove headphones</li> </ul>
No DAB stations found	Aerial not extended	<ul style="list-style-type: none"> <li>● Check Aerial and unit Position</li> <li>● Use the signal meter on the unit to check for signal</li> </ul>
	Outside broadcast area	<ul style="list-style-type: none"> <li>● Check location reception details at <a href="http://www.drdb.org">www.drdb.org</a></li> </ul>
Erroneous information in the Display	Temporary memory problem	<ul style="list-style-type: none"> <li>● Switch the unit off then back ON this will clear the problem</li> </ul>
<b>CD Player</b>  Disc is Inserted but Tracks Are Not Displayed	Disc is inserted upside-down	<ul style="list-style-type: none"> <li>● Insert disc correctly (label up)</li> </ul>
	Disc is dirty	<ul style="list-style-type: none"> <li>● Wipe clean with soft cloth</li> </ul>
	Disc is scratched	<ul style="list-style-type: none"> <li>● Use a new disc</li> </ul>
	Disc is seriously warped.	<ul style="list-style-type: none"> <li>● Use a new disc</li> </ul>
	Moisture has formed inside the CD deck	<ul style="list-style-type: none"> <li>● Take out the CD and leave the CD player open for an hour to try.</li> </ul>
	Disc is dirty	<ul style="list-style-type: none"> <li>● Wipe clean with soft cloth</li> </ul>
	Disc is scratched	<ul style="list-style-type: none"> <li>● Skip over scratched sections (if necessary): otherwise, replace the disc.</li> </ul>
<b>Remote control</b>  Does Not Function Property	Batteries are weak	<ul style="list-style-type: none"> <li>● Replace the batteries.</li> </ul>
	Obstacles are in the path between the remote control and system	<ul style="list-style-type: none"> <li>● Remove the obstacles.</li> </ul>
	Interference from strong light (e.g. direct sunlight, fluorescent lighting).	<ul style="list-style-type: none"> <li>● Change the light in the room</li> </ul>
	Too far from Remote sensor	<ul style="list-style-type: none"> <li>● Move closer to the system when using the remote control and make sure that you are pointing at the unit's Remote Sensor</li> </ul>

## Specifications

AC Supply Voltage: 230VAC, 50Hz

DAB Section

Receiver Bands: DAB band III: 174.928MHz(5A) – 239.200MHz(13F)

DAB Modes I, II, III and IV

Tuning Range: – 11B to 12D

DAB sensitivity: - 98dBm or better

DAB Adjacent Channel Rejection: - 30dB or better

DAB audio decode: 64kbps – 384kbps

Built-in telescopic rod aerial for DAB

CD SECTION:

STANDARD: CDDA, CDR, CD -RW COMPATIBLE

FREQUENCY: 20Hz – 20kHz

GENERAL Power Output (at 10% THD): 2 x 10 RMS

Headphones Socket: 3.5mm diameter, 32Ω

Speakers: 2 x 4"

Audio Line Input: via 2 x RCA sockets

*Specifications are subject to change and improvement at any time without notice.*